TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: September 27, 1995

HYDROGRAPHIC BRANCH: Atlantic

HYDROGRAPHIC PROJECT: OPR-E696-HE

HYDROGRAPHIC SHEET: FE-412SS

LOCALITY: Atlantic Ocean, Offshore Chesapeake Bay Entrance, 3.0
Nautical Miles East of Cape Henry, Virginia

TIME PERIOD: March 16 - May 23, 1995

TIDE STATION USED: 863-8863 Chesapeake Bay Bridge Tunnel, Va.
Lat. 36° 58.0'N   Lon. 76° 06.8'W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 24.88 ft.
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 2.7 ft.

REMARKS: RECOMMENDED ZONING

1. In the Atlantic Ocean, at the Entrance to Chesapeake Bay, east
    of a line between points 36° 51.7'N/75° 58.7'W and
    37° 06.7'N/75° 55.0'W, south of 37° 00.0'N and north of
    36° 49.0'N apply a -30 minute time correction and a x1.28 range
    ratio to heights using Chesapeake Bay Bridge Tunnel, Va.
    (863-8863).

2. In the area bounded by points:

37° 01.3'N/75° 56.3'W
37° 02.0'N/75° 58.4'W
36° 55.4'N/76° 00.0'W
36° 51.7'N/75° 58.7'W

Apply a -30 minute time correction and a x1.26 range ratio to
heights using Chesapeake Bay Bridge Tunnel, Va. (863-8863).

3. In the area bounded by points:

37° 02.5'N/76° 00.0'W
37° 02.0'N/75° 58.4'W
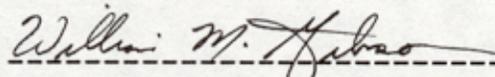36° 55.4'N/76° 00.0'W
36° 55.8'N/76° 02.4'W

Apply a -15 minute time correction and a x1.23 range ratio to heights using Chesapeake Bay Bridge Tunnel, Va. (863-8863).

4. In the area bounded by points:

1 36° 55.8'N/76° 02.4'W
2 37° 02.5'N/76° 00.0'W
4 36° 54.8'N/76° 06.9'W
3 37° 03.2'N/76° 01.6'W

Apply a -10 minute time correction and a x1.06 range ratio to heights using Chesapeake Bay Bridge Tunnel, Va. (863-8863).

Notes: 1. Times are tabulated in Greenwich Mean Time.
         2. The data is temporarily stored in file #663-8863.

CHIEF, DATUMS SECTION